

Dr. Donald S. Fredrickson Named Heart Institute's Dir. Intramural Research

Dr. Donald S. Fredrickson was recently named Director of Intramural Research, National Heart Institute. Dr. Theodore Cooper, Director of NHI, announced the appointment.

Dr. Fredrickson will be charged with overall planning, direction and coordination of the Heart Institute's intramural cardiovascular research programs. He will continue as chief of the Molecular Disease Branch.

Left Post for Research

A member of the NHI scientific staff since 1953, he served as Director of the Heart Institute from 1966 until 1968; he left this post in order to devote more time to research.

Dr. Fredrickson's research at NHI has earned him international recognition as an authority on fat transport in the circulation and on the diseases of lipid metabolism.

He has conducted and directed laboratory and clinical research on the structure of plasma lipoproteins, their role in fat transport, and on genetic factors that regulate lipoprotein metabolism.

His studies of heritable diseases of fat storage and metabolism included the discovery of the lipoprotein deficiency state, Tangier disease, and establishment of its mode of inheritance.

(See DR. FREDRICKSON, Page 8)

DR. FREDRICKSON

(Continued from Page 1)

Recently, Dr. Fredrickson and his colleagues introduced a new system for using plasma lipoprotein patterns to identify and classify excesses of blood cholesterol and other fats.

With it they have demonstrated several new syndromes not previously recognized as separate diseases.

Employing simple, low-cost methods, this system is coming into wide clinical use as a basis for the diagnosis, treatment, and followup of patients with elevated blood lipids.

The system establishes the prevalence of these diseases which are frequently associated with accelerated development of atherosclerosis.

Dr. Fredrickson received his B.S. and M.D. degrees at the University of Michigan. He did postgraduate work at Peter Bent Brigham Hospital, Massachusetts General Hospital, and Harvard Medical School.

He joined the NHI staff as a clinical associate in 1953. He was certified by the American Board of Internal Medicine in 1957.